

Amendments to the Specification:

***Please replace the fourth full paragraph on page 3 with the following amended paragraph:***

However, even a composition using one of the above particles as particles to be blended can not still provide a ~~coating composition~~ coated article or a molded article having sufficient light diffusibility.

***Please replace the second full paragraph on page 19 with the following amended paragraph:***

After condensation, if necessary, the suspension stabilizer is degraded with hydrochloric acid, the polymer particle coated with silica is separated as a hydrous cake by a method such as suction filtration, centrifugation ~~hydration~~ dehydration, centrifugation, pressure dehydration and, further, the resulting hydrous cake is washed with water, and dried, thereby, an objective polymer particle coated with silica can be obtained.

***Please replace the first and the second full paragraphs on page 22 with the following amended paragraph:***

As the binder resin constituting the binder solution, usually, a thermoplastic resin is used, and examples of the thermoplastic resin include ~~poly(meth)acrylic~~ (meth)acrylic resin, alkyl (meth)acrylate-styrene copolymer resin, polycarbonate resin, polyester resin, polyethylene resin, polypropylene resin, polystyrene resin, silicone resin, urethane resin, epoxy resin, melamine resin, vinyl acetate resin, phenol resin, resorcin resin, butadiene acrylonitrile rubber and the like.

Among these, when excellent transparency is required in a member after coating, such as the coating composition for an optical member,

~~poly(meth)acrylic~~ (meth)acrylic resin, alkyl (meth)acrylate-styrene copolymer resin, polycarbonate resin, and polyester resin are preferable. These thermoplastic resins can be used alone, or in a combination of two or more.

***Please replace the fourth full paragraph on page 23 with the following amended paragraph:***

When the amount is 1 part by weight or more, more sufficient light diffusibility and light reflectivity are obtained. When the amount is 150 parts by weight or less, there is no possibility that dispersion stability of the composite particle and adherability to the adhered such as a substrate are not reduced.

***Please replace the first full paragraph on page 24 with the following amended paragraph:***

In addition, the amount of the solvent to be blended is not particularly limited as far as it is such the amount that the binder resin can be sufficiently uniformly dissolved or dispersed and the silica-coated polymer article particle can be sufficiently uniformly dispersed, but is preferably 100 to 1000 parts by weight per 100 parts by weight of the binder resin. When the amount is less than 100 parts by weight, there is a possibility that the binder resin is not sufficiently uniformly dissolved or dispersed, being not preferable. When the amount exceeds 1000 parts by weight, since a viscosity of the coating composition is remarkably decreased, it is not preferable to becomes difficult to prepare a uniform coated article (coated film).

***Please replace the first full paragraph on page 27 with the following amended paragraph:***

The thickness of the coated article is preferably 1 to 500  $\mu\text{m}$ , more preferably 1 to 200  $\mu\text{m}$ , in the dry state where ~~a solid matter~~ the solvent has been

completely volatilized. In particular, in the optical sheet, the thickness of 1 to 100  $\mu\text{m}$  is preferable.

***Please replace the third full paragraph on page 29 and the paragraph bridging pages 29 and 30 with the following amended paragraph:***

In this invention, as the transparent resin, a thermoplastic resin is usually used, and examples of the thermoplastic resin include ~~poly(meth)acrylic~~ (meth)acrylic resin, alkyl (meth)acrylate-styrene copolymer resin, polycarbonate resin, polyester resin, polystyrene resin, polypropylene resin, polystyrene resin and the like.

Among these, when excellent transparency is required, ~~poly(meth)acrylic~~ (meth)acrylic resin, alkyl (meth)acrylate-styrene copolymer resin, polycarbonate resin, and polyester resin are preferable. These thermoplastic resins can be used alone, or may be used by combining two or more.

***Please replace the paragraph bridging pages 33 and 34 with the following amended paragraph:***

A double-sided adhesive tape (NITTO TAPE: manufactured by Nitto Denko Corp.) was applied to a whole surface a white black covering paper (manufactured by BYK-Gardner GmbH) cut into 50 mm  $\times$  100 mm, 1 g of particles were placed on an adhesive side, particles were spread evenly in a length direction and a traverse direction every 10 times using a cosmetic sponge, extra particles were fallen by blowing a compressed air at 1.5 kg/cm<sup>2</sup> to a whole surface for 30 seconds from a place at a distance of 20 cm from a sample, and the specular reflectance of a part in which a ground is black is measured.

***Please replace the paragraph bridging pages 45 and 46 with the following amended paragraph:***

According to the same manner as that of Example 7 except that an amount of magnesium pyrophosphate was 7.5 g, and an amount of sodium laurylsulfate as a surfactant was 0.06 g, and stirring condition with a homomixer was at 10000 rpm for 60 seconds, polymer particles coated with silica in which a surface of a polymer particle was exposed were obtained. The volume-average particle diameter of the polymer particles coated with silica is 3  $\mu\text{m}$ , and Tg of a polymer part derived from a polymerizable vinyl-based monomer could not be confirmed until 260°C at which particles began to be degraded by heating because that part had a cross-linked structure. The specular reflectance, the aperture ratio, h/D and the refractive index of the particle are shown in Table 1.

***Please replace the paragraph bridging pages 53 and 54 with the following amended paragraph:***

500 g of deionized water in which 0.05 g of sodium laurylsulfate had been dissolved was placed in a polymerization vessel equipped with a stirrer and a thermometer, and 50 g of tri calcium phosphate was added to disperse the material. Then, a mixed solution obtained by dissolving 0.5 g of benzoyl peroxide and 0.5 g of azobisisobutyronitrile in 80 g of styrene and 20 g of divinylbenzene which are a polymerizable vinyl monomer was placed in the polymerization vessel, and the materials were dispersed with a T.K homomixer (manufactured by Tokushu Kika Kogyo Co., Ltd.) to adjust droplets to about 12  $\mu\text{m}$ . Then, the interior of the polymerization vessel was heated to 65 60°C to perform suspension polymerization while stirring, followed by cooled. The suspension was filtered, washed and dried to obtain spherical polymerization

particles. The volume-average particle diameter of the resulting polymer particles is 12  $\mu\text{m}$ , and  $T_g$  of a polymer part derived from a polymerizable vinyl-based monomer could not be confirmed until 260°C at which particles began to be degraded by heating because that part had a crosslinked structure. The specular reflectance, the aperture ratio,  $h/D$  and the refractive index of the particle are shown in Table 1.

***Please replace the first full paragraph on page 59 with the following amended paragraph:***

According to the same manner as that of Example 18 except that 70 parts by weight of the polymer particles coated with silica obtained in Example 10 was used, a light diffusing sheet was prepared. The haze and the total light transmittance of a haze of surface of the resulting light diffusing sheet were measured. The results are shown in the following Table 2.

***Please replace the paragraph bridging pages 63 and 64 with the following amended paragraph:***

According to the same manner as that of Example 22 except that the polymer particles coated with silica obtained in Comparative Example 7 were used, an antiglare sheet was obtained. And, the haze, the total light transmittance and the specular reflectance of surface of the resulting antiglare sheet were measured. The results are shown in the following Table 3.

***Please replace the heading at line 18 of page 64 as follows:***

Example 24 25

***Please replace the heading at lines 11-24 of page 65 as follows:***

Example ~~25~~ 26

According to the same manner as that of Example 24 25 except that 10 parts by weight of the polymer particles coated with silica obtained in Example 8 was used, a coating composition was prepared. In addition, as in Example 2425, measurement of the specular reflectance and assessment of re-dispersibility were performed. The results are shown in the following Table 4.

Example 26 27

According to the same manner as that of Example 24 25 except that 100 parts by weight of the polymer particles coated with silica obtained in Example 11 was used, a coating composition was prepared. In addition, as in Example 24 25, measurement of the specular reflectance and assessment of re-dispersibility were performed. The results are shown in the following Table 4.

***Please replace all paragraphs on page 66 with the following amended paragraph:***

According to the same manner as that of Example 24 except that 10 parts by weight of the polymer particles obtained in Comparative Example 4 was used in place of the polymer particle coated with silica used in Example 24 25, a coating composition was prepared. In addition, as in Example 24 25, measurement of the specular reflectance and assessment of re-dispersibility were performed. The results are shown in the following Table 4.

Comparative Example ~~20~~ 19

According to the same manner as that of Example 24 25 except that 10 parts by weight of the polymer particles coated with silica obtained in Comparative Example 5 was used, a coating composition was prepared. In addition, as in Example 24 25, measurement of the specular reflectance and

assessment of re-dispersibility were performed. The results are shown in the following Table 4.

Comparative Example 24 20

According to the same manner as that of Example 24 25 except that the polymer particles coated with silica were not blended, a coating composition was prepared. In addition, as in Example 24 25, measurement of the specular reflectance was performed. The results are shown in the following Table 4.

Comparative Example ~~22~~-21

According to the same manner as that of Example 24 25 except that 20 parts by weight of the polymer particles coated with silica obtained in Comparative Example 7 was used, a coating composition was prepared. In addition, as in Example 24 25, measurement of the specular reflectance and assessment of re-dispersibility were performed. The results are shown in the following Table 4.

***Please replace the heading at line 3 of page 67 as follows:***

Example 27 28

***Please replace the heading at line 17 of page 67 as follows:***

Example 28 29

***Please replace the paragraph between line 18-21 of page 67 with the following amended paragraph:***

According to the same manner as that of Example 27 28 except that 50 parts by weight of the particles of Example 3 was used, a coated article was prepared. And, the specular reflectance of a surface of the resulting coated article was measured.

***Please replace the heading at line 25 of page 67 as follows:***

Example 29 30

***Please replace the first full paragraph on page 68 with the following amended paragraph:***

According to the same manner as that of Example 27 28 except that 50 parts by weight of the particles of Example 4 was used, a coated article was prepared. And, the specular reflectance of a surface of the resulting coated article was measured.

***Please replace the heading at line 8 of page 68 as follows:***

Example 30 31

***Please replace the paragraph between line 9-12 of page 68 with the following amended paragraph:***

According to the same manner as that of Example 24 27 except that 50 parts by weight of the particles of Example 6 was used, a coated article was prepared. And, the specular reflectance of a surface of the resulting coated article was measured.



**Please replace Table 4 of page 69 with the following amended table::**

Table 4

	specular reflectance (%)	assessment of dispersibility
EX.24 <del>25</del>	19.88	○
EX.25 <del>26</del>	27.54	○
EX.26 <del>27</del>	15.23	○
EX.27 <del>28</del>	20.17	○
EX.28 <del>29</del>	19.38	○
EX.29 <del>30</del>	18.42	○
EX.30 <del>31</del>	20.53	○
COM. EX.18	36.43	×
COM. EX.19	35.92	×
COM. EX.20	78.98	-
COM. EX.21	29.96	×

**Please replace the heading at line 7 of page 69 as follows:**

Example ~~34~~ 32

**Please replace the specification between line 3 of page 70 to the last full paragraph of page 72 with the following amended paragraphs:**

Example ~~32~~ 33

According to the same manner as that of Example ~~34~~ 32 except that an amount of the polymer particles coated with silica to be added was 45 g per 300 g of a methyl methacrylate resin, a light diffusible molded article was obtained. Further, as in Example ~~34~~ 32, the total light transmittance, the haze and the diffused light transmittance were measured. The results are shown in the following Table 5.

Example ~~33~~ 34

According to the same manner as that of Example ~~34~~ 32 except that 3 g of the polymer particles coated with silica obtained in Example 14 was used per 300

g of a methyl methacrylate resin, a light diffusible molded article was obtained. Further, as in Example ~~34~~ 32, the total light transmittance, the haze and the diffused light transmittance were measured. The results are shown in the following Table 5.

Example ~~34~~ 35

According to the same manner as that of Example ~~34~~ 32 except that 30 g of the polymer particles coated with silica of Example 15 as a polymer particle coated with silica was used per 300 g of a methyl methacrylate resin, a light diffusible molded article was obtained. Further, as in Example ~~34~~ 32, the total light transmittance, the haze and the diffused light transmittance were measured. The results are shown in the following Table 5.

Comparative Example ~~24~~ 22

According to the same manner as that of Example ~~34~~ 32 except that 3 g of the polymer particles obtained in Comparative Example 8 was used per 300 g of a methyl methacrylate resin in place of the polymer particles coated with silica, a molded article was obtained. Further, as in Example ~~34~~ 32, the total light transmittance, the haze and the diffused light transmittance were measured. The results are shown in the following Table 5.

Comparative Example ~~22~~ 23

According to the same manner as that of Example ~~34~~ 32 except that 30 g of the polymer particles obtained in Comparative Example 9 was used per 300 g of a methyl methacrylate resin in place of the polymer particles coated with silica, a molded article was obtained. Further, as in Example ~~34~~ 32, the total light

transmittance, the haze and the diffused light transmittance were measured. The results are shown in the following Table 5.

Comparative Example ~~23~~ 24

According to the same manner as that of Example ~~31~~ 32 except that 45g of the polymer particles coated with silica obtained in Comparative Example 5 was used per 300 g of a methyl methacrylate resin as a polymer particles coated with silica, a molded article was obtained. Further, as in Example ~~31~~ 32, the total light transmittance, the haze and the diffused light transmittance were measured. The results are shown in the following Table 5.

Comparative Example 24 25

According to the same manner as that of Example ~~31~~ 32 except that polymer particles coated with silica were not blended, and only a methyl methacrylate resin was used, a molded particle was obtained. Further, as in Example ~~31~~ 32, the total light transmittance, the haze and the diffused light transmittance were measured. The results are shown in the following Table 5.

Example ~~35~~ 36

According to the same manner as that of Example ~~31~~ 32 except that the composite particles obtained in Example 15 were used, a light diffusible molded article was obtained. Further, as in Example ~~31~~ 32, the total light transmittance, the haze and the diffused light transmittance were measured. The results are shown in the following Table 5.

Example ~~36~~-37

According to the same manner as that of Example ~~34~~ 32 except that the polymer particles coated with silica obtained in Example 16 were used, a light diffusible molded article was obtained. Further, as in Example ~~34~~ 32, the total light transmittance, the haze and the diffused light transmittance were measured. The results are shown in the following Table 5.

Example ~~37~~ 38

According to the same manner as that of Example ~~34~~32 except that 45g of the polymer particles coated with silica obtained in Example 17 was used, a light diffusing molded particle was obtained. Further, as in Example ~~34~~ 32, the total light transmittance, the haze and the diffused light transmittance were measured. The results are shown in the following Table 5.

***Please replace the heading at line 1 of page 73 of the specification as follows:***

Example ~~38~~ 39

***Please replace Table 5 of page 73 with the following amended table:***

Table 5

	total light transmittance(%)	haze (%)	diffused light transmittance(%)
EX. <del>34</del> <u>32</u>	83.17	97.55	81.13
EX. <del>32</del> <u>33</u>	81.79	98.77	80.78
EX. <del>33</del> <u>34</u>	89.25	90.21	80.51
EX. <del>34</del> <u>35</u>	82.95	98.23	81.48
EX. <del>35</del> <u>36</u>	83.52	97.39	81.34
EX. <del>36</del> <u>37</u>	81.21	98.56	80.04
EX. <del>37</del> <u>38</u>	84.23	95.48	80.42
EX. <del>38</del> <u>39</u>	88.93	91.83	81.66
COM. EX. <del>24</del> <u>22</u>	81.56	87.78	71.59
COM. EX. <del>22</del> <u>23</u>	76.32	94.38	72.03
COM. EX. <del>23</del> <u>24</u>	76.21	96.59	73.61
COM. EX. <del>24</del> <u>25</u>	92.34	0.83	0.77